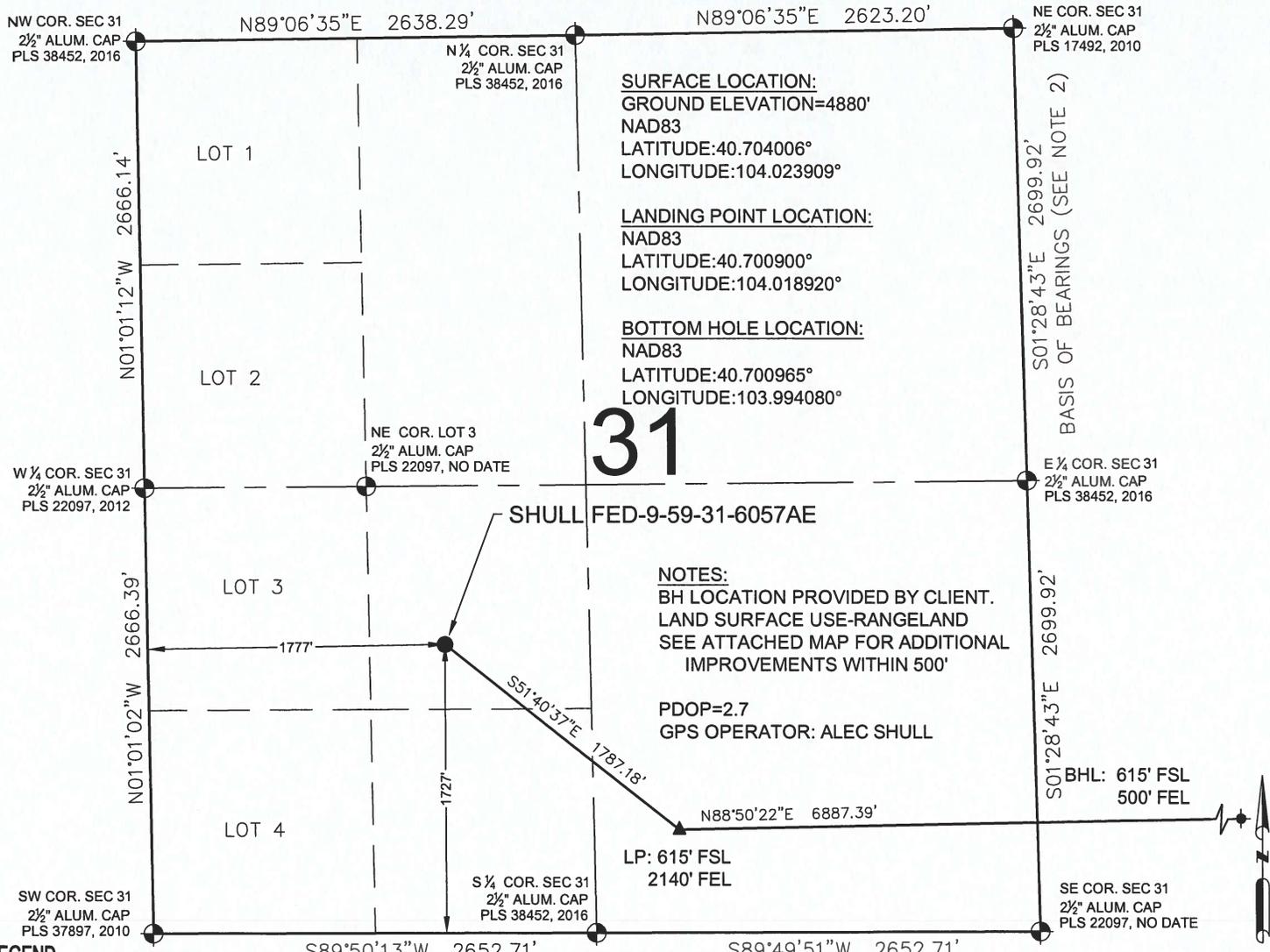


# SHULL FED-9-59-31-6057AE WELL LOCATION CERTIFICATE



**SURFACE LOCATION:**  
GROUND ELEVATION=4880'  
NAD83  
LATITUDE:40.704006°  
LONGITUDE:104.023909°

**LANDING POINT LOCATION:**  
NAD83  
LATITUDE:40.700900°  
LONGITUDE:104.018920°

**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.700965°  
LONGITUDE:103.994080°

# 31

**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-RANGELAND  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 500'

PDOP=2.7  
GPS OPERATOR: ALEC SHULL

LP: 615' FSL  
2140' FEL

BHL: 615' FSL  
500' FEL

**LEGEND**

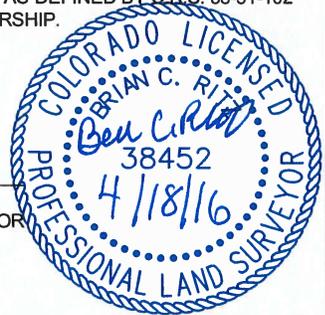
- = EXISTING MONUMENT      ◆ = BOTTOM HOLE
- = CALCULATED POSITION    ▲ = LANDING POINT
- = PROPOSED WELL        LP = LANDING POINT
- ◆ = EXISTING WELL        BHL = BOTTOM HOLE LOCATION

**WELL SHULL FED-9-59-31-6057AE TO  
BE LOCATED 1727' FSL & 1777' FWL**

- NOTES:**
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
  2. BEARINGS ARE BASED ON THE ASSUMPTION THAT THE EAST LINE OF THE NORTHEAST QUARTER OF SECTION 31, BEARS S01°28'43"E BETWEEN THE MONUMENTS SHOWN HEREON.
  3. GRID DISTANCES ARE SHOWN, AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000240741.
  4. ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
  5. FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE.

I, BRIAN C. RITZ, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **CRESCENT POINT ENERGY**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

BRIAN C. RITZ, PLS 38452  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 2

PREPARED BY:  	FIELD DATE: 02-24-16	WELL NAME: SHULL FED-9-59-31-6057AE	PREPARED FOR:  
	DRAWING DATE: 04-13-16	SURFACE LOCATION: NE1/4 SW1/4 SEC. 31, T9N, R59W, 6TH P.M. WELD COUNTY, COLORADO	
	BY: KAD	CHECKED BY: MLP	

# SHULL FED-9-59-31-6057AE WELL LOCATION CERTIFICATE

NW COR. SEC 32  
2½" ALUM. CAP  
PLS 17492, 2010

N¼ COR. SEC 32  
2½" ALUM. CAP  
PLS 38345, 2013

NE COR. SEC 32  
2½" ALUM. CAP  
PLS 17492, 2010

BASIS OF BEARINGS (SEE NOTE 2)

N01°28'43"W 2699.92'

N88°42'06"E 2629.13'

N88°42'06"E 2629.12'

S01°20'43"E 2685.67'

W¼ COR. SEC 32  
2½" ALUM. CAP  
PLS 38452, 2016

# 32

E¼ COR. SEC 32  
2½" ALUM. CAP  
PLS 38175, 2011

N01°28'43"W 2699.92'

S01°20'56"E 2685.65'

BHL: 615' FSL  
500' FEL

N88°50'22"E 6887.39'

LP: 615' FSL  
2140' FEL

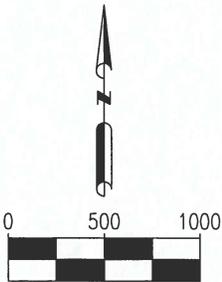
SW COR. SEC 32  
2½" ALUM. CAP  
PLS 22097, NO DATE

SE COR. SEC 32  
2½" ALUM. CAP  
PLS 38175, 2011

S88°23'36"W 2623.61'

S¼ COR. SEC 32  
2½" ALUM. CAP  
PLS 38452, 2016

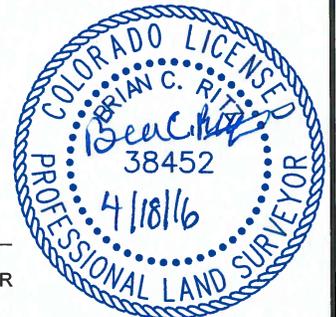
S88°23'14"W 2622.30'



### LEGEND

- ⊕ = EXISTING MONUMENT      ⊕ = BOTTOM HOLE
- = CALCULATED POSITION    ▲ = LANDING POINT
- = PROPOSED WELL        LP = LANDING POINT
- ◆ = EXISTING WELL        BHL = BOTTOM HOLE LOCATION

BRIAN C. RITZ, PLS 38452  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 2

PREPARED BY:  	FIELD DATE: 02-24-16	WELL NAME: SHULL FED-9-59-31-6057AE	PREPARED FOR:	
	DRAWING DATE: 04-13-16	SURFACE LOCATION: NE1/4 SW1/4 SEC. 31, T9N, R59W, 6TH P.M.		
	BY: KAD	CHECKED BY: MLP	WELD COUNTY, COLORADO	